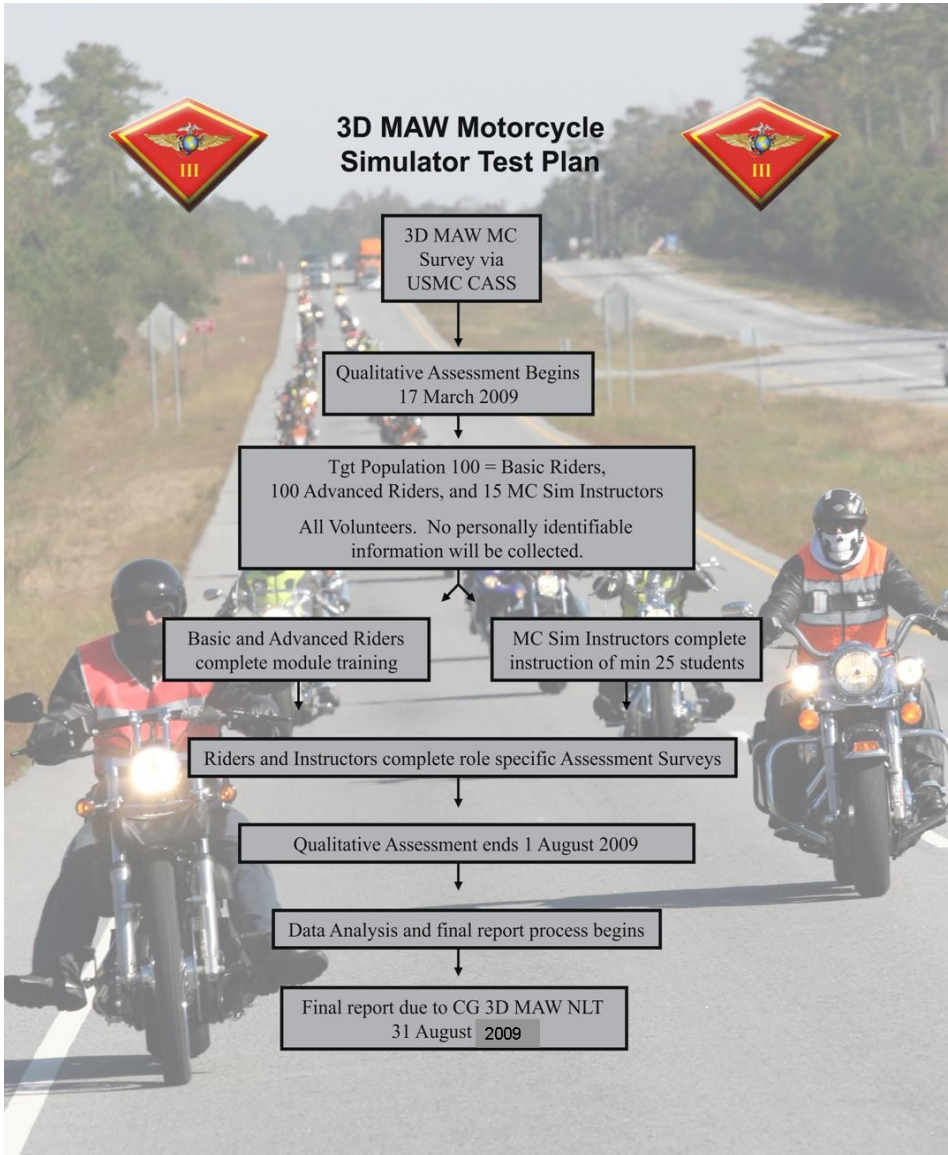
3D MARINE AIRCRAFT WING MOTORCYCLE SIMULATOR PROGRAM

COLONEL MCKNIGHT 3D MAW DOSS

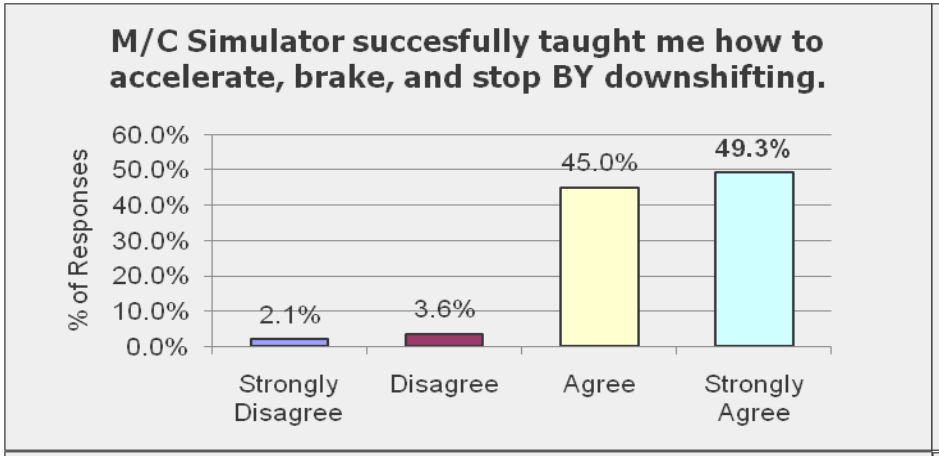
M/C Simulator QA & Test Plan

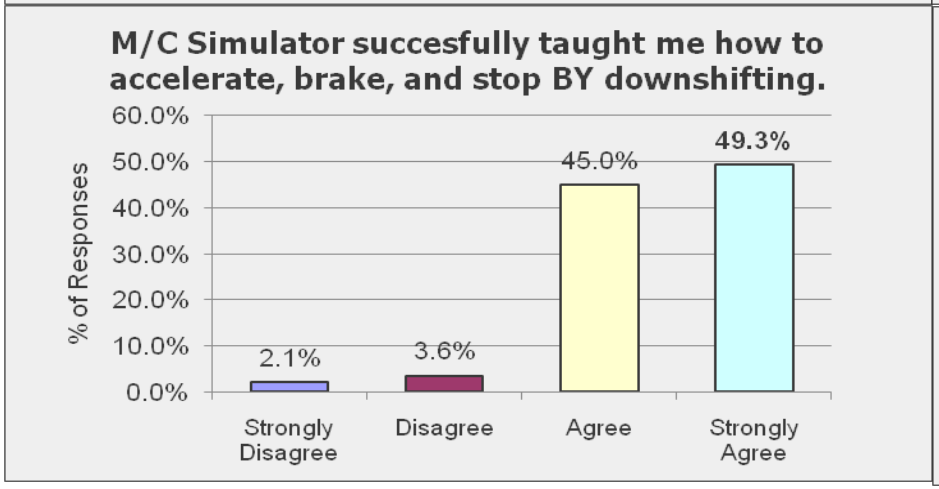
- Qualitative Assessment Surveys Results Based on:
  - 140 Basic Simulator Students
    - 330 to date
  - 22 Refresher Students
    - 46 to date
  - 21 Simulator Instructors
    - 30 to date


3D MAW Motorcycle Simulator Test Plan
3D MAW MC Survey via USMC CASS
Qualitative Assessment Begins 17 March 2009
Tgt Population 100 = Basic Riders, 100 Advanced Riders, and 15 MC Sim Instructors
All Volunteers. No personally identifiable information will be collected.
Basic and Advanced Riders complete module training
MC Sim Instructors complete instruction of min 25 students
Riders and Instructors complete role specific Assessment Surveys
Qualitative Assessment ends 1 August 2009
Data Analysis and final report process begins
Final report due to CG 3D MAW NLT 31 August 2009

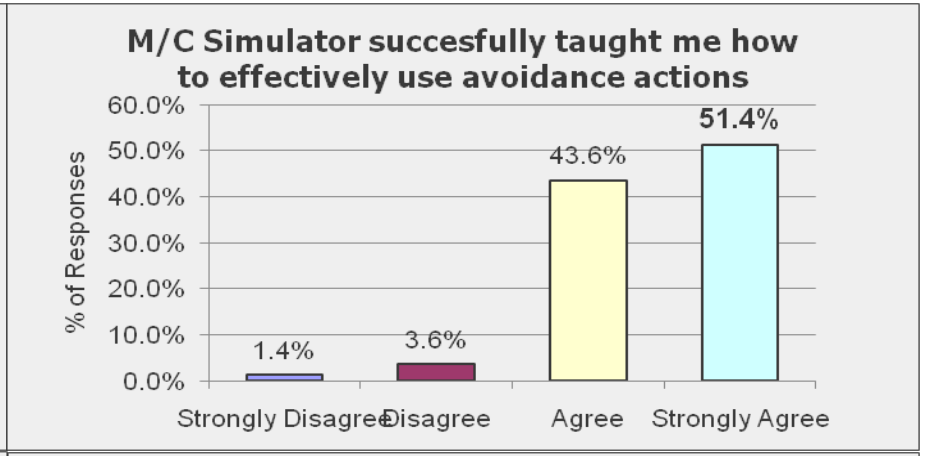
M/C Simulator Training Effectiveness

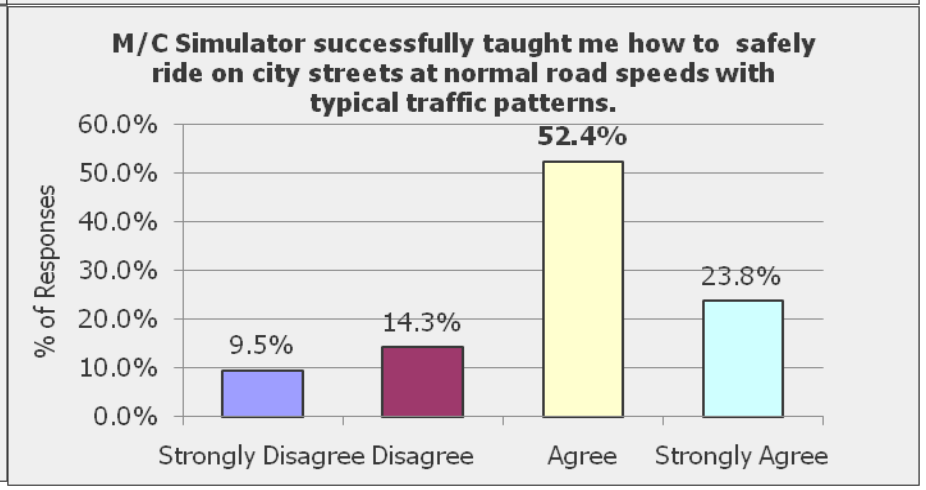
Basic Training Course





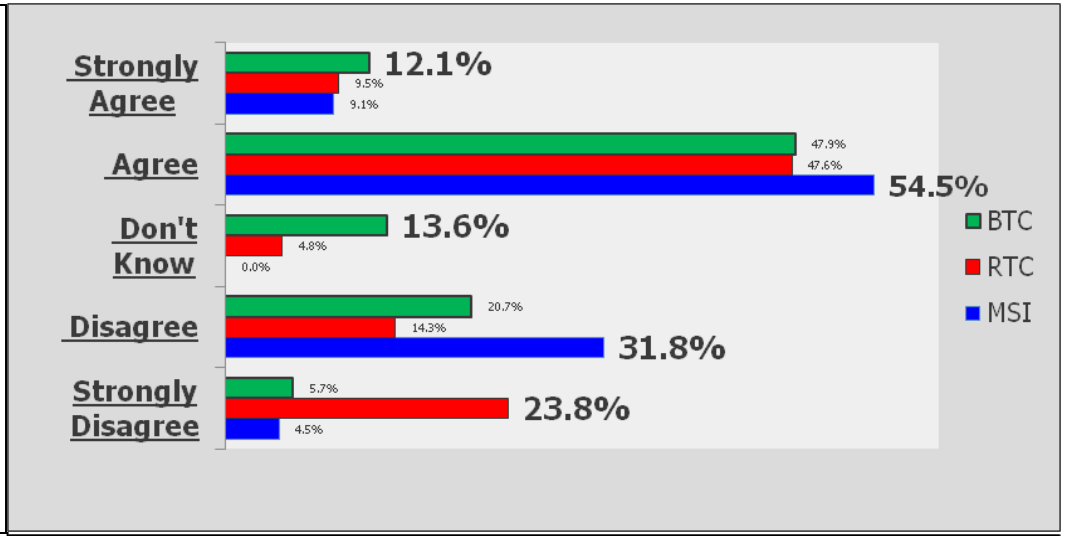
Refresher Training Course



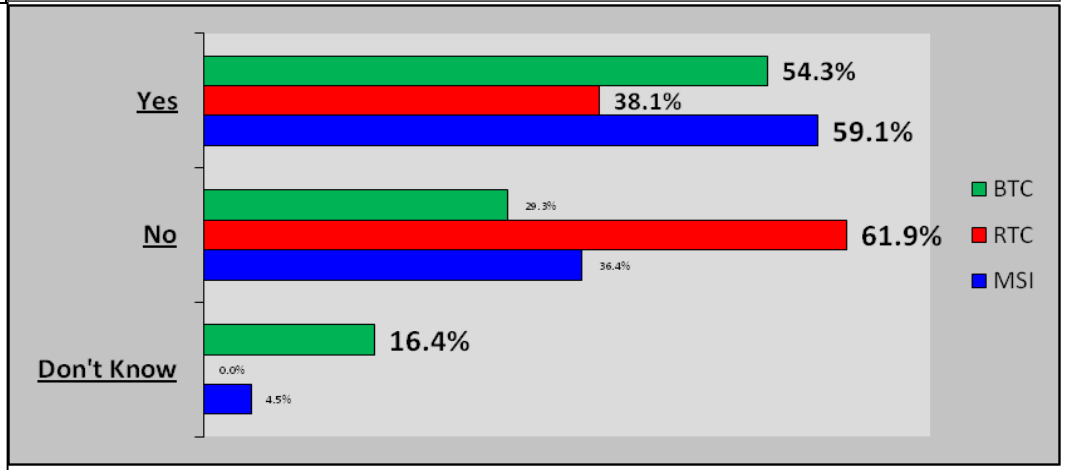


M/C Simulator Fidelity

The Motorcycle Simulator control responsiveness (time between input and simulator response for clutch, throttle, brakes, etc.) accurately represents the

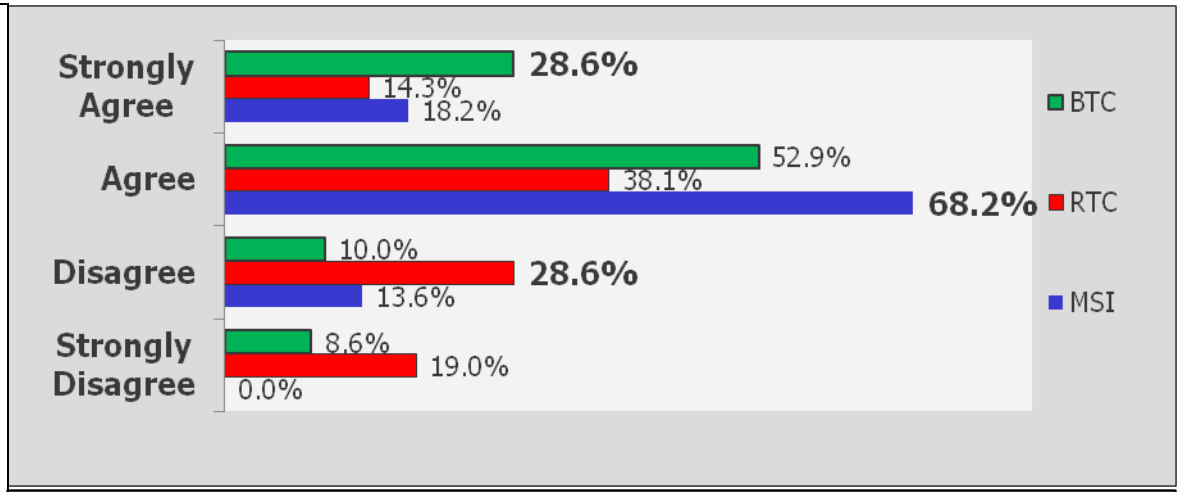


OVERALL, do you believe that the FIDELITY OF THE SIMULATOR provided a realistic representation of riding an actual motorcycle?

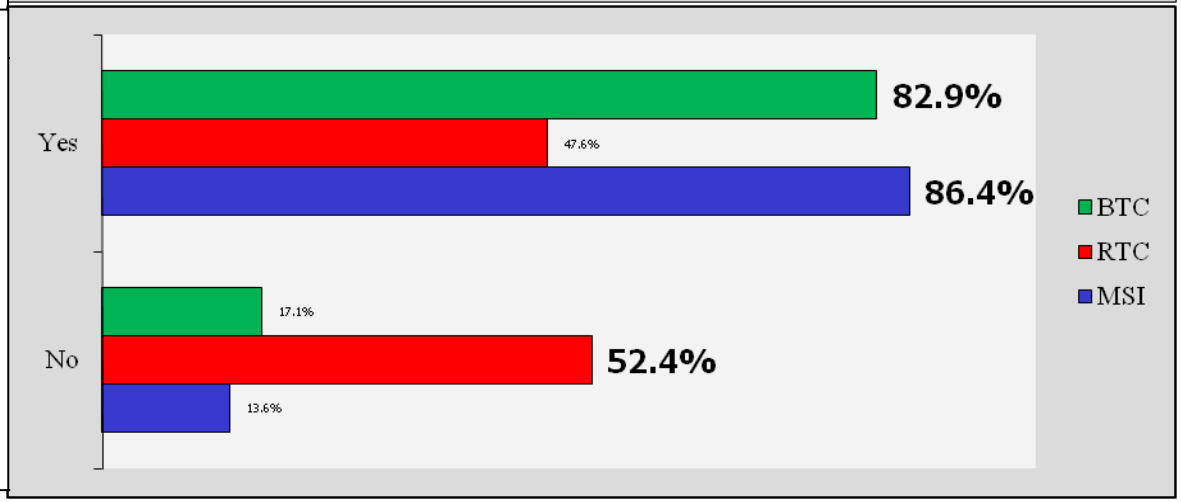


M/C Simulator Training Efficiency

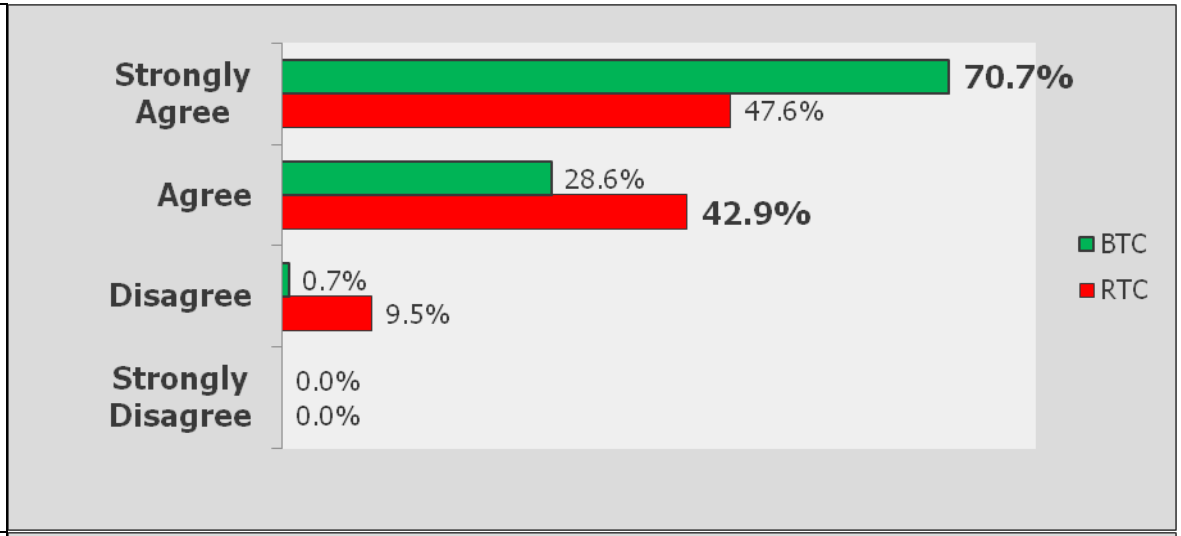
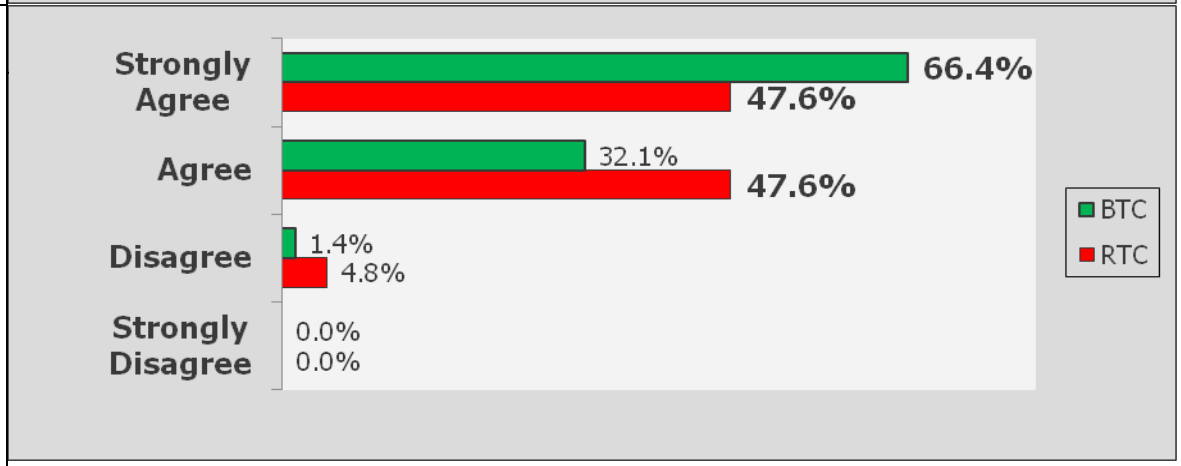
The MSTP and motorcycle simulator are highly effective training tools.



OVERALL, was this training EFFECTIVE?



M/C Simulator Instructor Performance

Demonstrated motorcycle riding knowledge and expertise.	
Was well prepared for the simulator training session.	

Road Ahead

- Collaborate with SMEs
  - CHP, SSI, Cape Fox, etc
- Reevaluate Refresher Curricula
- Incorporate Simulator Improvements
- Strongly Recommend HQMC review Cape Fox Instructor Support
- Designate 3d MAW as Motorcycle Simulator Model Manager
- Assess Skill Transference via Survey After BRC
- Assess Impact on Mishap Reduction

Questions